

IN THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)

2. (Currently Amended) Sealing arrangement according to claim 1, ~~characterized in that~~⁹ wherein in the ~~an~~ unpressurized state, the ~~an~~ inner radius of the U-cup (3) ~~seal decreases, in particular~~ continuously, from the low-pressure side N towards the inner sealing lip ~~//_//~~ (7) ~~in a region around the abutment surface (13).~~

3. (Currently Amended) Sealing arrangement according to claim 2, ~~characterized in that~~^{wherein} in the unpressurized state, the inner radius of the U-cup (3) ~~seal~~ conically decreases continuously, ~~in particular like a cone, from the low-pressure side N towards the inner sealing~~ ~~//_//lip (7) in a region from the abutment surface (13) to the inner sealing lip (7).~~

4. (Currently Amended) Sealing arrangement according to claim 9 ~~1~~ ~~characterized in that~~^{wherein} in the ~~an~~ unpressurized state, ~~an outer edge (18) the abutment surface of the U-cup (3) seal is, in part, formed convex, in particular like a circular arc, in a region facing the sealing gap (15).~~ ~~//_//~~

5. (Currently Amended) Sealing arrangement according to claim 9 ~~1~~ ~~characterized in that~~^{wherein} the U-cup (3) has an outer concave surface (21) ~~facing away from the movable machine part (1), wherein the outer surface (21) is curved~~

~~evenly~~adjacent a groove bottom in the unpressurized state.

6. (Currently Amended) Sealing arrangement according to claim 1 ~~characterized in that~~ 9 wherein in the ~~an~~ unpressurized state, the ~~an~~ outer radius of the U-cup (3) seal increases, ~~in particular~~ continuously, from the low-pressure side ~~N~~ towards the outer sealing lip ~~// .//~~ (6) ~~in a region around the abutment surface (13).~~

7. (Currently Amended) Sealing arrangement according to claim 1 ~~characterized in that~~ 9 wherein the U-cup (3) seal has an outer surface (21) ~~facing away from the movable machine part (1), piston~~ and that in the ~~an~~ unpressurized state, an outer edge (20) ~~of the U-cup (3) seal is formed convex, in particular like a circular arc in the a transition region of between~~ abutment surface (13) and outer surface ~~// .//~~ (21).

8. (Currently Amended) Sealing arrangement according to claim 1 ~~characterized in that~~ 9 wherein the U-cup (3) seal has ~~on an~~ inner surface (24) ~~facing the movable machine part (1), with calotte shells as a microstructure.~~

9. (New) A sealing arrangement comprising:
 a reciprocating hydraulic piston;
 a stationary machine part having a bore for receiving the reciprocating piston along with an internal groove facing the piston;
 a U-cup seal disposed in said groove, said U-cup seal having a radial outer lip contacting the machine part,

a radial inner lip contacting the piston and an abutment surface contacting a radial groove wall; and

an inner surface formed on said U-cup seal facing the piston with a plurality of recessed lubrication bore reliefs for enabling passage of hydraulic liquid from a low pressure side of said sealing arrangement to a high pressure side of said sealing arrangement upon reciprocation of the piston, each recess extending in an axial direction from the low pressure side of said U-cup seal toward the high pressure side of said U-cup seal, a radial depth of each recess decreasing from the low pressure side towards the high pressure side and each recess is spaced apart from the piston.